WHAT IS CLAIMED IS:

1. A process for producing a fluoroalkanol of the following formula 1, characterized in that in a reaction of reacting an alkanol of the following formula 2 with a perfluoroolefin of the following formula 3 to produce a fluoroalkanol of the following formula 1, the reaction is carried out while continuously adding a radical initiator and a perfluoroolefin of the following formula 3:

CHR^1R^2-OH Formula 2

$CF_2=CFR^3$ Formula 3

$H-(CFR^3CF_2)_n-CR^1R^2-OH$ Formula 1

provided that the symbols in the formulae have the following meanings:

R^1, R^2: each independently a hydrogen atom or a C_{1-3} alkyl group,

R^3: a fluorine atom or a C_{1-4} perfluoroalkyl group, and

n: an integer of from 1 to 4.

2. The process according to Claim 1, wherein n is 1.

3. The process according to Claim 1, wherein the radical initiator is a dialkyl peroxide.

4. The process according to Claim 1, wherein the alkanol of the formula 2 is methanol or ethanol.

5. The process according to Claim 1, wherein the perfluoroolefin of the formula 3 is tetrafluoroethylene or hexafluoropropylene.

6. The process according to Claim 1, wherein the

reaction is carried out in the absence of any acid binding agent.

7. Use of a fluoroalkanol obtained by the process as defined in Claim 1 in the production of an information recording medium having a recording layer capable of writing in and reading out information by a laser, formed on a substrate.

8. An information recording medium having a recording layer capable of writing in and reading out information by a laser, formed on a substrate, which is produced by using a fluoroalkanol obtained by the process as defined in Claim 1.

Add B1

Add C4